Proenkephalin-B (PDYN) Recombinant Protein | PDYN recombinant protein

Recombinant Pig Proenkephalin-B (PDYN)

CATALOG #	HOST
AAA113438	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Proenkephalin-B (PDYN); Recombinant Pig Proenkephalin-B (PDYN); Recombinant Proenkephalin-B (PDYN); Proenkephalin-B; Beta-neoendorphin-dynorphin Preprodynorphin Cleaved into the following 9 chains: 1. Alpha-neoendorphin 2. Beta-neoendorphin 3. Big dynorphin; 4. Big Dyn 5. Dynorphin A(1-17); 6. Dyn-A17; 7. Dynorphin A; PDYN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	175-184aa; Alpha-neoendorphin
Sequence	YGGFLRKYPK
Species	Sus scrofa (Pig)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

ADDITIONAL INFORMATION

Related Product Information for PDYN recombinant protein	This protein is a preproprotein that is proteolytically processed to form the secreted opioid peptides beta-neoendorphin, dynorphin, leu-enkephalin, rimorphin, and leumorphin. These peptides are ligands for the kappa-type of opioid receptor. Dynorphin is involved in modulating responses to several psychoactive substances, including cocaine.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51592127
NCBI GeneID	445529
NCBI Accession #	NP_001004040.1
NCBI GenBank Nucleotide #	NM_001004040.1
UniProt Accession #	P01214
Molecular Weight	28,617 Da
NCBI Official Full Name	proenkephalin-B preproprotein
NCBI Official Symbol	PDYN
NCBI Protein Information	proenkephalin-B; preprodynorphin; beta-neoendorphin-dynorphin
UniProt Protein Name	Proenkephalin-B
UniProt Gene Name	**PDYN**
UniProt Synonym Gene Names	Big Dyn; Dyn-A17; Dynorphin A; Dyn-B

UniProt Entry Name	PDYN_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/pdyn-recombinant-protein-e-coli/113438